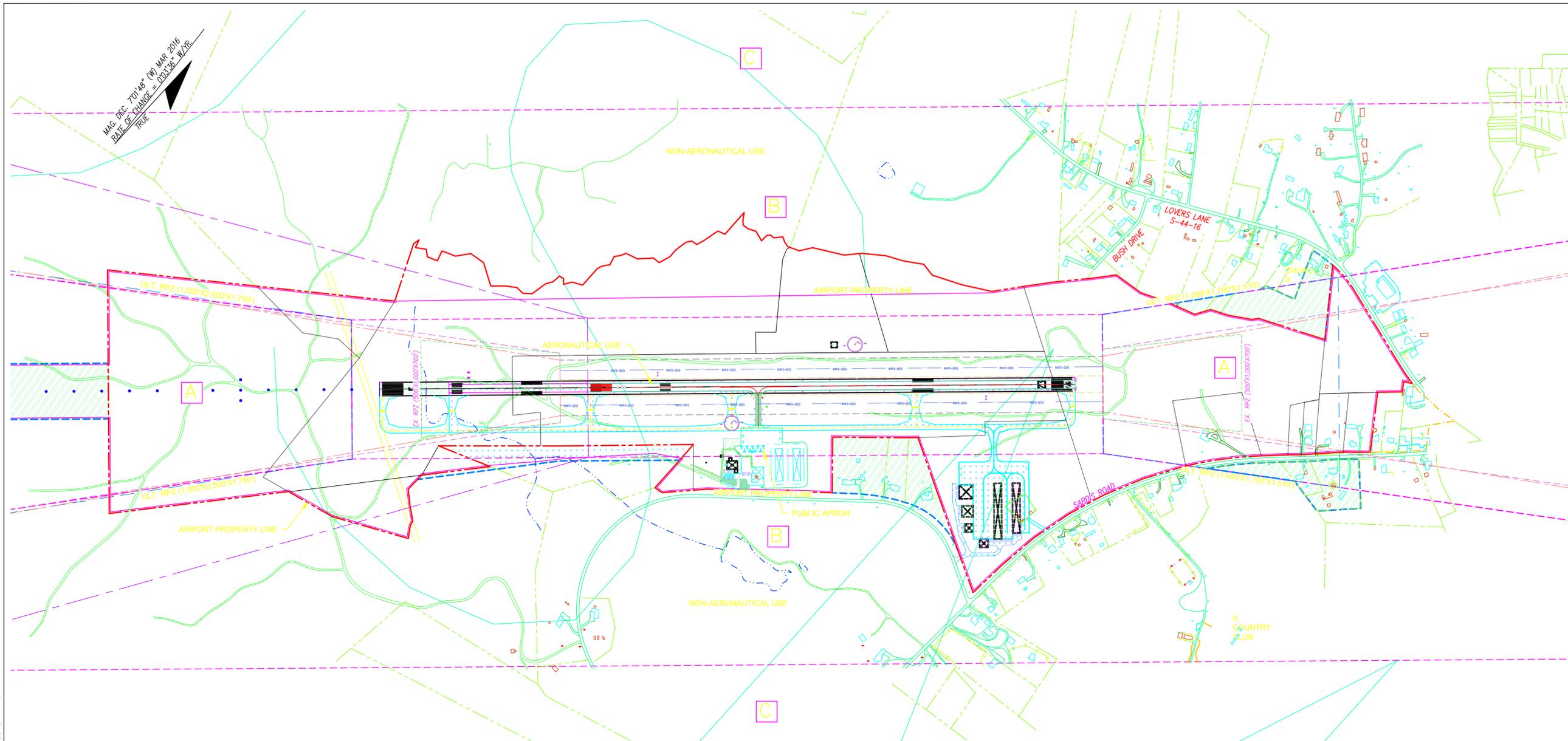


COMMENT: W.K. DICKSON, INC. HAS REVIEWED THE CONTENTS OF THIS DOCUMENT AND CONFIRMS THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF ITS KNOWLEDGE AND BELIEF. THE CLIENT IS RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE INFORMATION PROVIDED TO W.K. DICKSON, INC. BY THE CLIENT AND ANY OTHER SOURCE.



MAG. DEC. 701'18" (W) MAR 2016
 RATE OF CHANGE = 0.03336 W/R
 TRUE

LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	C-D	TRANSPORTATION COMMUNICATION AND UTILITIES	A
HOUSEHOLD UNITS	D	RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY TRANSPORTATION	A
SINGLE UNITS - DETACHED	D	MOTOR VEHICLE TRANSPORTATION	A
SINGLE UNITS - SEMI ATTACHED	D	AIRCRAFT TRANSPORTATION	A
SINGLE UNITS - ATTACHED ROW	C	MARINE CRAFT TRANSPORTATION	A
TWO UNITS - SIDE BY SIDE	D	HIGHWAY AND STREET RIGHT-OF-WAY	A
TWO UNITS - ONE ABOVE THE OTHER	D	AUTOMOBILE PARKING	A,B,C,D
APARTMENTS - WALK UP	C	UTILITIES	A
APARTMENTS - ELEVATOR	B-C	OTHER TRANSPORTATION, COMMUNICATION AND UTILITIES.	A,B,C,D
GROUP QUARTERS	C-D	TRADE	A,B,C,D
RESIDENTIAL HOTELS	C	WHOLESALE TRADE	A-B
MOBILE HOME PARKS OR COURTS	D	RETAIL TRADE - BUILDING MATERIALS, HARDWARE AND FARM EQUIPMENT	B
TRANSIENT LODGINGS	B	RETAIL TRADE - GENERAL MERCHANDISE	B
OTHER RESIDENTIAL	B,C,D	RETAIL TRADE - FOOD	B
MANUFACTURING	A-B	RETAIL TRADE - AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES	B
FOOD AND KINDRED PRODUCTS - MANUFACTURING	A-B	RETAIL TRADE - APPAREL AND ACCESSORIES	B
TEXTILE MILL PRODUCTS - MANUFACTURING	A-B	RETAIL TRADE - FURNITURE, HOME FURNISHINGS, AND EQUIPMENT	A-B
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS - MANUFACTURING	A-B	RETAIL TRADE - EATING AND DRINKING	A-B
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) - MANUFACTURING	A-B	OTHER RETAIL TRADE	A-B
FURNITURE AND FIXTURES - MANUFACTURING	A-B	SERVICES	C
PAPER AND ALLIED PRODUCTS - MANUFACTURING	A-B	FINANCE, INSURANCE, AND REAL ESTATE SERVICES	C
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	A-B	PERSONAL SERVICES	C
CHEMICALS AND ALLIED PRODUCTS - MANUFACTURING	A-B	BUSINESS SERVICES	C
PETROLEUM REFINING AND RELATED INDUSTRIES	A-B	REPAIR SERVICES	B-C
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS - MANUFACTURING	A-B	PROFESSIONAL SERVICES	C
STONE, CLAY, AND GLASS PRODUCTS - MANUFACTURING	A-B	CONTRACT CONSTRUCTION SERVICES	C
MANUFACTURING	A	GOVERNMENTAL SERVICES	C
PRIMARY METAL INDUSTRIES	A	EDUCATIONAL SERVICES	C-D
FABRICATED METAL PRODUCTS - MANUFACTURING	A	MISCELLANEOUS SERVICES	B,C,D
PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS - PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS - MANUFACTURING	A	CULTURAL, ENTERTAINMENT, AND RECREATIONAL	D
MISCELLANEOUS MANUFACTURING	A-B	CULTURAL ACTIVITIES AND NATURE EXHIBITS	D
		PUBLIC ASSEMBLY	D
		AMUSEMENTS	B-C
		RECREATIONAL ACTIVITIES	D
		RESORTS AND GROUP CAMPS	B,C,D
		PARKS	C-D
		OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	C-D



LEGEND		
AIRPORT PROPERTY LINE	[Red dashed line]	
ULT. AIRPORT PROPERTY LINE	[Yellow dashed line]	
EXST. EASEMENT LINE	[Blue dashed line]	
STAGE I	STAGE II	STAGE III
[Green hatched pattern]	[Blue hatched pattern]	[Purple hatched pattern]

- NOTES:**
- LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1, 2, 3, AND 4 OF APPENDIX 1 AND FAR PART 150, AUGUST 5, 1983.
 - LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRPORT OPERATIONAL DATA, AIRCRAFT TRAFFIC PATTERNS, AND EXPECTED NOISE LEVELS AT AND AROUND THE AIRPORT. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3 & 4, "AIRPORT AIRSPACE PLAN."
 - UNION COUNTY CURRENTLY HAS A ZONING ORDINANCE WITH HEIGHT AND HAZARD ZONING IN PLACE.

LUG ZONE	ZONE AREA	DESCRIPTION
A	ZONE A INCLUDES THE RUNWAY PROTECTION ZONE, AS DEFINED IN FAA AC 150/5300-13A, SECTION 310 (LATEST CHANGE), AND THE PORTION OF THE APPROACH SURFACE FROM THE EDGE OF THE RUNWAY PROTECTION ZONE TO WHERE EACH APPROACH SURFACE IS 150 FEET OF HEIGHT ABOVE ITS RESPECTIVE RUNWAY END ELEVATION.	LAND SHOULD BE RESERVED FOR ACTIVITIES THAT CAN TOLERATE A HIGH LEVEL OF SOUND EXPOSURE SUCH AS SOME AGRICULTURAL, INDUSTRIAL, AND COMMERCIAL USES. NO RESIDENTIAL DEVELOPMENTS OF ANY TYPE ARE RECOMMENDED. SOUND SENSITIVE ACTIVITIES SUCH AS SCHOOLS, OFFICES, HOSPITALS, CHURCHES, AND LIKE ACTIVITIES SHOULD NOT BE CONSTRUCTED IN THIS AREA UNLESS NO ALTERNATIVE LOCATION IS POSSIBLE. ALL REGULARLY OCCUPIED STRUCTURES SHOULD CONSIDER SOUND CONTROL IN DESIGN.
B	ZONE B INCLUDES THE PORTION OF THE APPROACH SURFACE FROM THE EDGE OF ZONE A TO 10,000 FEET FROM THE INNER EDGE OF THE APPROACH SURFACE, AND THE AREA FORMED BY OFFSETTING THE PRIMARY SURFACE EDGE OUTWARD BY 1,500 FEET AND EXTENDING ITS ENDS AND SQUARING THEM OFF AT THE EDGE OF ZONE A.	ACTIVITIES WHERE UNINTERRUPTED COMMUNICATION IS ESSENTIAL SHOULD CONSIDER SOUND EXPOSURE IN DESIGN. GENERALLY, RESIDENTIAL DEVELOPMENT IS NOT CONSIDERED A SUITABLE USE ALTHOUGH MULTIFAMILY DEVELOPMENTS WHERE SOUND CONTROL FEATURES HAVE BEEN INCORPORATED IN BUILDING DESIGN MIGHT BE CONSIDERED. OPEN-AIR ACTIVITIES AND OUTDOOR LIVING WILL BE AFFECTED BY AIRCRAFT SOUND. THE CONSTRUCTION OF AUDITORIUMS, SCHOOLS, CHURCHES, HOSPITALS, THEATERS, AND LIKE ACTIVITIES SHOULD BE AVOIDED WITHIN THIS ZONE WHERE POSSIBLE.
C	ZONE C INCLUDES THE AREAS OF THE TRANSITIONAL AND HORIZONTAL SURFACES NOT PART OF ZONES A OR B.	FEW ACTIVITIES WILL BE AFFECTED BY AIRCRAFT SOUNDS, ALTHOUGH BUILDING DESIGNS FOR ESPECIALLY SOUND SENSITIVE ACTIVITIES SUCH AS AUDITORIUMS, CHURCHES, SCHOOLS, HOSPITALS, AND THEATERS SHOULD CONSIDER SOUND CONTROL IN AREAS CLOSEST TO THE AIRPORT. DETAILED STUDIES BY QUALIFIED PERSONNEL ARE RECOMMENDED FOR OUTDOOR AMPHITHEATERS AND LIKE PLACES OF PUBLIC ASSEMBLY IN THE GENERAL VICINITY OF THE AIRPORT.
D	ZONE D IS IDENTICAL IN AREA TO THE CONICAL ZONE.	NO SPECIAL CONSIDERATIONS

W.K. DICKSON
 community infrastructure consultants
 1320 MAIN STREET
 SUITE 400
 COLUMBIA, SC 29201
 (803) 786-4261
 (803) 786-4263
 WWW.WKDICKSON.COM



NO.	DATE	DESCRIPTION	BY

PLANNING DOCUMENT - FINAL

PROJECT NAME: UNION COUNTY AIRPORT LAYOUT PLAN UNION, SOUTH CAROLINA
 DRAWING TITLE: LAND USE PLAN

PROJ. MGR.: JJB
 DESIGN BY: JJB / FDL
 DRAWN BY: FDL
 PROJ. DATE: 10-28-2015
 DRAWING NUMBER: 12 OF 13
 WKD PROJ. NO.: 20130154.00.CA